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|------------|--|-----------------------------------|
| Applicants | : Masaharu UDAGAWA et al.                                  | Group Art Unit : Not Yet Assigned |
| Appl. No.  | : 10/598,695 (U.S. National<br>Stage of PCT/JP2005/004127) | Examiner : Not Yet Assigned       |
| I.A. Filed | : March 9, 2005  | Confirmation No. : 9058           |
| For        | : TRANSMISSION DEVICE AND RADIO COMMUNICATION DEVICE       |                                   |

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

**Sir:**

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, Applicants hereby bring to the attention of the Examiner the following information.

The following documents were cited in an International Search Report with respect to International Patent Application No. PCT/JP2005/004127, of which the present application is the U.S. National Stage Application. A copy of the International Search Report has been filed concurrently with the present application and should thus have been brought to the attention of the Examiner.

- (1) Japanese Laid-Open Patent Publication No. HEI 8-070331 A; along with patent family member U.S. Patent No. 5,506,546; and
- (2) Japanese Laid-Open Patent Publication No. HEI 7-170202 A.

The relevance of the documents cited in the International Search Report, as

ascertained with respect to the International claims by the International Examiner, is set forth in the International Search Report.

Applicants further bring to the attention of the Examiner the following documents:

- (3) Japanese Patent No. 3207153 B2, together with an English language Abstract of the corresponding Japanese Laid-Open Patent Publication No. 10-256843, and patent family members U.S. Patent No. 5,847,602 and U.S. Patent No. 5,973,556. Applicants note that the Japanese document is cited beginning at page 4 of the specification of the above-captioned application;
- (4) Japanese Laid-Open Patent Publication No. 2001-156554 A, together with an English language Abstract of the same, and patent family member U.S. Patent No. 6,813,319. Applicants note that the Japanese document is cited beginning at page 4 of the specification of the above-captioned application;
- (5) U.S. Patent Application Publication No. 2002/0177420;
- (6) U.S. Patent Application Publication No. 2003/0160658;
- (7) U.S. Patent No. 6,256,482; and
- (8) U.S. Patent No. 6,323,731.

Since the U.S. Patent and Trademark Office is assumed to have received the International Search Report and the documents cited therein from the International Bureau, and the Examiner is assumed to have considered these documents in accordance with M.P.E.P. 609.03 and 1893.03(g), copies of these documents, i.e., above-noted documents (1) and (2), are not enclosed herewith. However, if any copy is

needed, the Examiner is respectfully requested to contact the undersigned.


Further to 37 C.F.R. §1.98 (a)(2)(ii), copies of the U.S. patent publications are not enclosed herewith. However, if any copy is needed, the Examiner is respectfully requested to contact the undersigned.

Applicants respectfully request that the Examiner consider the above material and cite the same. Copies of above-noted foreign documents (3) and (4) are attached hereto, and all of the above-noted documents are listed on an attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

Applicants note that an Office Action on the merits has not issued in the present application, and thus, no fee is believed necessary to ensure consideration of the submitted material.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Masaharu UDAGAWA et al.

  
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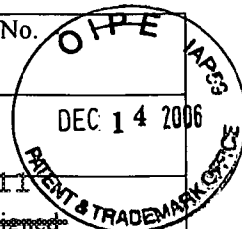
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Sheet 1 of 1

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P30675Application No.  
10/598,695INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Masaharu UDAGAWA et al.Filing Date  
I.A. Filed March 9, 2005Group 2611  
~~Not Yet Assigned~~

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |        | DOCUMENT NUMBER | DATE     | NAME          | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|--------|-----------------|----------|---------------|-------|----------|-------------------------------|
|                     |        | 5 5 0 6 5 4 6   | 04/09/96 | KOWAGUCHI     |       |          |                               |
|                     |        | 5 8 4 7 6 0 2   | 12/08/98 | SU            |       |          |                               |
|                     |        | 5 9 7 3 5 5 6   | 10/26/99 | SU            |       |          |                               |
|                     |        | 6 8 1 3 3 1 9   | 11/02/04 | NAGLE et al.  |       |          |                               |
|                     | 2002 / | 0 1 7 7 4 2 0   | 11/28/02 | SANDER et al. |       |          |                               |
|                     | 2003 / | 0 1 6 0 6 5 8   | 08/28/03 | CIOFFI et al. |       |          |                               |
|                     |        | 6 2 5 6 4 8 2   | 07/03/01 | RAAB          |       |          |                               |
|                     |        | 6 3 2 3 7 3 1   | 11/27/01 | McCUNE, Jr.   |       |          |                               |
|                     |        |                 |          |               |       |          |                               |
|                     |        |                 |          |               |       |          |                               |
|                     |        |                 |          |               |       |          |                               |
|                     |        |                 |          |               |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  |      | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|--|------|-----------------|----------|---------|-------|----------|-----------------------|
|  | 8    | - 0 7 0 3 3 1   | 03/12/96 | JAPAN   |       |          |                       |
|  | 7    | - 1 7 0 2 0 2   | 07/04/95 | JAPAN   |       |          |                       |
|  |      | 3 2 0 7 1 5 3   | 07/06/01 | JAPAN   |       |          |                       |
|  | 2001 | - 1 5 6 5 5 4   | 06/08/01 | JAPAN   |       |          |                       |
|  |      |                 |          |         |       |          |                       |
|  |      |                 |          |         |       |          |                       |
|  |      |                 |          |         |       |          |                       |
|  |      |                 |          |         |       |          |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |  |
|--|--|--|
|  |  | English Language Abstract of JP 10-256843.   |
|  |  | English Language Abstract of JP 2001-156554. |
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EXAMINER

/Jean Corrielus/

DATE CONSIDERED

04/02/2009

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JC/